MSIAC M&S Newsletter

July 2005

The *Modeling and Simulation Information Analysis Center (MSIAC) M&S Newsletter* is now available as an automatic service. Simply send an email to digest-subscribe@pan.msiac.dmso.mil to be added to our mailing list. This list is for the Newsletter only and will not be used for any other purpose. Please note that it is not necessary to subscribe each month.

If you would like to submit an article to be highlighted in the *MSIAC M&S Newsletter*, please forward the article (along with its source data and URL, if available) to the MSIAC Help Desk no later than 15 workdays prior to the publication of the next newsletter. Normally, the Newsletter is published on/about the first of each month. Potential articles as well as questions or comments on the Newsletter can be emailed to msiachelpdesk@msiac.dmso.mil.

The MSIAC also publishes the quarterly *MSIAC Journal On-line*. If you would like to see the current issue of the *MSIAC Journal On-line* visit: http://www.msiac.dmso.mil/journal.
If you would like to submit an article for the *Journal On-line*, please email your paper or article to msiachelpdesk@msiac.dmso.mil at least 45 days prior to the next publication date. The next *Journal On-line* is scheduled to be published 1 September 2005.

UPCOMING EVENTS

11-14 July 2005
2005 Annual ITEA (International Test and Evaluation Association) Review Conference
Atlanta, GA

12-14 July 2005
Modeling and Simulation Staff Officer Course (MSSOC)
Orlando, FL

24-28 July 2005
2005 Summer Computer Simulation Conference (SummerSim '05)
Philadelphia/Cherry Hill

2-5 August 2005
AFAMS Connections Conference
Orlando, FL

22-24 August 2005
NDIA's (National Defense Industrial Association) Joint ADL Co-Lab Implementation Fest 2005
Orlando, FL

23-25 August 2005
Modeling and Simulation Staff Officer Course (MSSOC)
Alexandria, VA

Modeling and Simulation Staff Officer Course (MSSOC)

The DMSO-sponsored MSSOC is a three-day course that provides a broad overview of modeling and simulation (M&S) policy and activities of the Department of Defense (DoD). The goal of the MSSOC is to provide students with a foundation of knowledge that will enable them to make informed decisions about the use of M&S.

The course is comprised of 18 hours of platform instruction, discussion, and multi-media demonstrations of how DoD employs M&S in support of training, analysis, acquisition of new products and systems, test and evaluation, and experimentation. The course focuses on M&S terms,

concepts, applications, information resources available, and preparing attendees for positions that require conversancy in these topics. Students will gain familiarity with basic M&S technology concepts, policies, organizations, programs, activities, and issues within DoD. Continuous Learning Units (CEUs) are available for this course.

For a complete list of course dates, locations and availability visit: http://www.education.dmso.mil/upcoming.asp

2005 ITEA (International Test and Evaluation Association) Review Conference

The Second Annual ITEA Technology Review is an exciting venue for the Science and Technology and Test & Evaluation communities to discuss emerging technologies, review requirements, address challenges, and investigate potential enabling technologies. This workshop promises to be an interactive and dynamic environment. For additional information visit: http://www.itea.org/

NDIA's (National Defense Industrial Association) Joint ADL Co-Lab Implementation Fest 2005

The Joint Advanced Distributed Learning (JADL) Co-Laboratory in Orlando Florida is proud to announce Implementation Fest 2005. The theme for this year's event is "Advancement in Technologies and Learning." The event will be held August 22-25, 2005, in Orlando, FL.

The JADL Team has planned an exciting event with many experts and noted key speakers. Mr. Dan Gardner, Director of Readiness and Training, Office of the Secretary of Defense (OSD), will open the event as the keynote speaker. Other featured speakers include Elliott Masie of the Masie Center: *A learning and e-technology think-tank,* and Jim Korris from the Institute of Creative Technologies.

With an objective of highlighting advancements in technology, which are of great interest to the Department of Defense (DoD), the JADL Team identified three focus areas for the event: The State of Advanced Distributed Learning; DoD Services ADL Update; and the Exploration of Games Technology. For additional information visit: http://www.ndia.org/

New Simulation Tool Expected to Reduce Training and Mission Rehearsal Support Costs

(SUFFOLK, VA June 22, 2005) – The latest version of U.S. Joint Forces Command's (USJFCOM) Joint Theatre Level Simulation (JTLS) enables simulation operators to use Web browser and Web-based connection to participate in JTLS joint training events.

The Web-enabled capability means that JTLS users can use existing wide area network (WAN) and local area network (LAN) connections to log on to the simulation from workstations or personal computers, according to USJFCOM officials.

"The advantage of web-enabled capability is overall cost reduction for joint exercises," said Army Lt. Col. Andrew Riley, who heads the modeling and simulation division for USJFCOM's Joint Warfighting Center (JWFC).

According to Riley, version 3.0 of the Joint Theatre Level Simulation (JTLS), which USJFCOM released to its user community last month, "significantly cuts the costs of shipping computers and reduces manpower requirements at forward locations."

Version 3.0 offers other simulation enhancements, which include: greater aggregate fidelity, aircraft change speed, aircraft re-flight plan and refuel capabilities for tankers.

Riley explained that JTLS, managed by the JWFC is a joint simulation that focuses on the operational level or war.

"It is mainly used to train JTF commanders and staffs and represents large theatre or large area of operations," said Riley. "JTLS represents ground units at an aggregate level rather than entity level. Maritime and

air units are typically represented at the ship, aircraft or sortie level."
For complete article visit:
http://www.jfcom.mil/newslink/storyarchive/2005/pa062205.htm

New U.S. Army Chemical School First Responder Facility to open in 2007

(FORT LEONARD WOOD, MO June 21, 2005) – Ft. Leonard Wood, MO is the future site of a new First Responder training facility designed to support DoD and a wide variety of additional Federal agencies with state-of-the-art training support in Homeland Defense. The new facility is part of an extensive U.S. Chemical School program to better prepare soldiers, sailors, airmen, Marines, DoD civilians, and civilians from six other federal agencies focused on homeland security and homeland defense.

Training initiatives will include such things as chemical and biological detection, identification, and decontamination, explosives, and "dirty bomb" nuclear devices. Along with large live simulation bays housing portions of a factory, a warehouse, and a post office, the facility will also include a simulation area for virtual emergency-response training, a simulated cave complex that includes a clandestine laboratory for confined-space training, an overturned tanker truck to be used for spill-response training, and a rail yard facility

Army Colonel Donald Bailey, the commander of the resident 3rd Chemical Brigade, acknowledged that the school's training has traditionally focused on battlefield operations. However, since the terrorist attacks of Sept. 11, 2001, it has put increased emphasis on homeland defense as well. Colonel Bailey commented that "This facility will serve as the national training center for all WMD people. When it opens, it will become the epicenter for this type of training."

For original release visit:
http://www.dod.mil/news/Jun2005/20050621_1804.html

Dr. James T. Blake Assumes the Position of Program Executive Officer for Simulation, Training and Instrumentation

(ORLANDO, FL June 2, 2005) **-** In a change of charter ceremony at the University of Central Florida Arena, Dr. James T. Blake became the new leader for the U.S. Army Program Executive Office for Simulation, Training and Instrumentation (PEO STRI). Dr. Blake first served the nation as a Soldier retiring at the rank of Colonel. After leaving the military, Dr. Blake held several technical and executive positions in industry before joining academia. In 1999 Dr. Blake joined the Simulation, Training and Instrumentation Command (STRICOM) as the Program Manager for the Institute for Creative Technologies, the internationally recognized University Affiliated Research Center for Advanced Modeling and Simulation. In March 2003, he became the Deputy Program Executive Officer for Simulation, Training and Instrumentation.

PEO STRI provides high fidelity training and testing simulations fielded to Soldiers worldwide. These simulations provide critical training for Warfighters as they execute missions to fight the global war on terrorism. PEO STRI is headquartered in Orlando, Florida and operates an annual budget of over $1.6 billion. In addition to research, development and program management, the PEO provides Life-Cycle support and operations for most of the Army's training systems around the world. PEO STRI is dedicated to putting the power of simulation into the hands of our warfighters. For original release visit:
http://www.peostri.army.mil/PAO/pressrelease/Blake.jsp

A New Army Aviation Training Philosophy On The Horizon

The U.S. Army has begun to refocus its vision of aviation training, from providing the best training equipment, to generating ready-to-fight aviators prepared to go directly to their units.

Fort Rucker, the Army's Center for aviator training, is currently installing a total of 57 new simulators, all oriented toward

producing war fighting aviators who are better prepared to function as part of a crew soon after arrival in their first unit. The simulators are a combination of full motion, vibration, and fixed-base devices, with the vibration and fixed-base simulators designed to be upgradeable to full motion in the future. The simulators represent four of the Army's combat helicopters and the new TH-67 Creek helicopter trainer,

Brigadier General E. J. Sinclair, the commanding general of the Army Aviation School commented on the initial installation phase of the overarching Flight School XXI that the simulators are a critical part of. "With today's ops tempo, we can't afford to push training to the field, so we redesigned every aircraft track in flight school to greatly increase the time flown in their go-to-war aircraft and significantly increase the amount and rigor of the simulation training. Readiness was the driving force behind the FSXXI program and the increased numbers and fidelity of simulators will only enhance quality of training."

The new simulators, maintained by Computer Sciences Corp., will be housed both at the Aviation Center on Fort Rucker and in a new off-post facility called Warrior Hall.

Training and Simulation Journal, June/July 2005, Vol. six, No. 3, pages 16-17, 19-20.

For complete article visit:
http://www.tsjonline.com/story.php?F=875727
